

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((("5750941") or ("5097102") or ("4665282")).PN.	USPAT	OR	OFF	2007/01/24 13:39
S2	1	S1 and tap\$4	USPAT	OR	ON	2007/01/23 10:34
S3	59	"5750941" "5097102" "4665282"	USPAT	OR	ON	2007/01/23 10:34
S4	4	S3 and (tap tapping taped taps)	USPAT	OR	ON	2007/01/23 10:36
S5	2	(tap tapping taped taps) same vibrat\$4 near (pen stylus)	USPAT	OR	ON	2007/01/23 10:37
S6	6	(tap tapping taped taps) same (vibrat\$4 wave oscillat\$4) near2 (pen stylus)	USPAT	OR	ON	2007/01/23 10:38
S7	20	(tap tapping taped taps) same (vibrat\$4 wave oscillat\$4) with (pen stylus)	USPAT	OR	ON	2007/01/23 10:43
S8	235	(tap tapping taped taps) same (vibrat\$4 wave oscillat\$4) with (pen stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:11
S9	37	S8 and (@ad<="20030917")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:15
S12	1	"5097102".pn.	USPAT	OR	ON	2007/01/23 13:52
S13	1	S12 and ((liquid adj crystal) LCD)	USPAT	OR	ON	2007/01/23 13:53
S14	282	(tap tapping tapped taps) same (vibrat\$4 wave oscillat\$4) with (pen stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:12
S15	1	(tap tapping tapped taps) same (vibrat\$4 wave oscillat\$4) with (pen stylus) same (tactile haptic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:13

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S16	1	(tap tapping tapped taps) same (vibrat\$4 wave oscillat\$4) with (pen stylus) same (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:14
S17	18	(tap tapping tapped taps touch\$3 tip\$4) same (vibrat\$4 wave oscillat\$4) with (pen stylus) same (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:22
S18	10	S17 and (@ad<="20030917")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:22
S19	69	(tap tapping tapped taps) same (vibrat\$4 wave oscillat\$4) same (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:22
S20	36	S19 and (@ad<="20030917")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:22
S24	1	"5097102".pn. and (touch\$4 tap\$4)	USPAT	OR	ON	2007/01/24 15:10
S25	1	"6741237".pn. and (touch\$4 tap\$4)	USPAT	OR	ON	2007/01/24 15:11
S26	0	"4665282".pn. and touch\$4 and (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 15:13
S27	0	"5750941".pn. and touch\$4 and (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 15:13
S28	1	"5750941".pn. and (touch\$4 (tapped tapping taps tap))	USPAT	OR	ON	2007/01/24 15:12
S29	1	"5750941".pn. and (touch\$4 (tapped tapping taps tap))	USPAT	OR	ON	2007/01/24 15:13
S30	1	"4665282".pn. and (touch\$4 (tapped tapping taps tap))	USPAT	OR	ON	2007/01/24 15:35

## EAST Search History

S31	28	("3808364"   "3857022").PN. OR ("4665282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 15:15
S32	46	("3134099"   "3156766"   "3439317"   "3504334"   "3684828"   "3692936"   "3731273").PN. OR ("3857022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 15:33
S33	407	178/18.03.ccls.	USPAT	OR	ON	2007/01/24 15:33
S34	2	S33 and wave same (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 15:34
S35	104	273/372.ccls.	USPAT	OR	ON	2007/01/24 15:34
S36	1	S35 and (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 15:35
S37	382	367/189,190,117.ccls.	USPAT	OR	ON	2007/01/24 15:35
S38	7	S37 and touch\$3	USPAT	OR	ON	2007/01/24 15:35
S39	19	S37 and (touch\$4 (tapped tapping taps tap))	USPAT	OR	ON	2007/01/24 15:45
S40	30	wave same touch\$4 same (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 15:48
S41	507	wave and touch\$4 with (screen panel pad) and (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 16:01
S42	476	S41 and (@ad<="20030917")	USPAT	OR	ON	2007/01/24 16:02
S43	69	(tap tapping tapped taps) same (vibrat\$4 wave oscillat\$4) same (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:50
S44	1	S42 and S43	USPAT	OR	ON	2007/01/24 15:50
S45	16	S42 and (vibrat\$4 wave oscillat\$4) same (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:55
S46	51	S42 and (vibrat\$4 oscillat\$4) and (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:02
S47	89	wave and touch\$4 with ((liquid adj crystal with display) LCD) and (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 16:03

## EAST Search History

S48	23	S47 and (vibrat\$4 oscillat\$4) and (tactile haptic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:03
S49	20	S48 and (@ad<="20030917")	USPAT	OR	ON	2007/01/24 16:04
S50	31	wave and touch\$4 with ((liquid adj crystal with display) LCD) and (tapped tapping taps tap) and vibrat\$4	USPAT	OR	ON	2007/01/24 16:05
S51	28	S50 and (@ad<="20030917")	USPAT	OR	ON	2007/01/24 16:05
S52	89	wave and touch\$4 with ((liquid adj crystal with display) LCD) and (tapped tapping taps tap)	USPAT	OR	ON	2007/01/24 16:05
S53	83	S52 and (@ad<="20030917")	USPAT	OR	ON	2007/01/24 16:05